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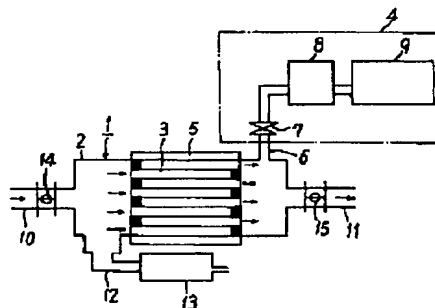
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(54) DUST COLLECTOR

(57) Abstract:

PURPOSE: To provide sufficient back washing effect even if the quantities of air are decreased as far as possible in performing the back washing regeneration by making use of compressed air.

CONSTITUTION: In a dust collector 1 provided with a filter 3 for trapping and removing particle-like materials contained in dusty gas, and a back washing air flow generating device 4 for generating the flow of clean gas to pass the filter 3 in the opposite direction to the flow of dusty gas in the filter 3, a heating means 5 for heating the filter 3 or the dusty gas to flow to the filter 3 is provided. Moreover, an oxidized catalyst device in which oxidized catalyst is held is provided on a line 10 for the flow of the dusty gas upstream from the filter 3, or the oxidized catalyst is held on the filter 3.



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